

Amendments to the Claims

The listing of claims below will replace all prior versions and listings of claims in the present application.

Claim Listing

1-112. (Cancelled)

1 113. (new) A communications device comprising:
2 a subsystem; and
3 a logging module coupled to the subsystem, wherein
4 the logging module is configured to periodically communicate information
5 regarding a configuration of the subsystem.

1 114. (new) The communications device of claim 113, wherein
2 the logging module is further configured to restrict a change to a configuration of
3 the logging module by the communications interface.

1 115. (new) The communications device of claim 113, wherein
2 the logging module is configured to periodically communicate the information by
3 virtue of being configured to automatically transmit a first copy of a
4 configuration of the subsystem at a first time and a second copy of a
5 configuration of the subsystem at a second time.

1 116. (new) The communications device of claim 115, wherein
2 the logging module is further configured to communicate the information to a
3 security monitor coupled to the communications device.

1 117. (new) The communications device of claim 116, wherein
2 the security monitor is configured to detect a change in a configuration of the
3 subsystem by a comparison of the first and the second copies.

1 118. (new) The communications device of claim 117, wherein
2 the security monitor is configured to set the communications device to an
3 “untrustworthy” status in response to the change.

1 119. (new) The communications device of claim 118, wherein
2 the security monitor is configured to disconnect the communications device from
3 the network in response to the communications device being set to the
4 “untrustworthy” status.

1 120. (new) The communications device of claim 117, wherein
2 the logging module is further configured to restrict the subsystem from
3 broadcasting using a logging module network address and a logging
4 module communications protocol.

1 121. (new) The communications device of claim 113, wherein
2 the logging module is further configured to restrict a change to a configuration of
3 the logging module by the subsystem.

1 122. (new) The communications device of claim 113, wherein
2 the logging module is further configured to broadcast a data packet using a
3 logging module network address and a logging module communications
4 protocol.

1 123. (new) The communications device of claim 122, wherein
2 the logging module is further configured to communicate the information by
3 broadcasting the data packet, wherein the data packet comprises at least a
4 portion of the information.

1 124. (new) The communications device of claim 123, wherein
2 the logging module is configured to broadcast the information to a security
3 monitor coupled to the subsystem via a network.

1 125. (new) The communications device of claim 124, wherein
2 the security monitor is configured to set the communications device to an
3 “untrustworthy” status in response to the information indicating a change
4 to the configuration of the subsystem.

1 126. (new) The communications device of claim 125, wherein
2 the security monitor is configured to disconnect the communications device from
3 the network in response to the communications device being set to the
4 “untrustworthy” status.

1 127. (new) The communications device of claim 122, wherein
2 the logging module is further configured to restrict the subsystem from
3 broadcasting using the logging module network address and the logging
4 module communications protocol.

1 128. (new) The communications device of claim 127, wherein
2 the logging module is further configured to broadcast using a logging module
3 network address and a logging module communications protocol.

1 129. (new) The communications device of claim 128, wherein
2 the logging module is further configured to restrict a change to a configuration of
3 the logging module by the communications interface.

1 130. (new) The communications device of claim 128, wherein
2 the logging module is further configured to broadcast the information to a security
3 monitor coupled to the communications interface via a network.

1 131. (new) A method comprising:
2 periodically communicating information regarding a configuration of a subsystem
3 of a communications device.

1 132. (new) The method of claim 131, wherein
2 the information is regarding an occurrence of a change in the configuration.

1 133. (new) The method of claim 132, further comprising:
2 detecting the change.

1 134. (new) The method of claim 131, wherein
2 the subsystem is a communications interface.

1 135. (new) The method of claim 134, wherein the periodically communicating
2 comprises:
3 periodically broadcasting the information to a security monitoring process
4 executing on a security monitor communicatively coupled to the
5 communications interface.

1 136. (new) The method of claim 135, further comprising:
2 causing the security monitoring process to set the communications device to an
3 “untrustworthy” status in response to the security monitoring process
4 failing to receive the information within a time period.

1 137. (new) The method of claim 136, further comprising:
2 disconnecting the communications device from the network in response to the
3 security monitoring process setting the communications device to the
4 “untrustworthy” status.

1 138. (new) The method of claim 131, further comprising:
2 determining the configuration.

1 139. (new) The method of claim 138, wherein
2 the information comprises an indication of an occurrence of a change in the
3 configuration.

1 140. (new) The method of claim 138, wherein
2 the information comprises a change in the configuration.

1 141. (new) The method of claim 138, further comprising:
2 executing a logging process in a logging module of the communications device,
3 wherein the logging process performs the periodically communicating
4 information.

1 142. (new) The method of claim 141, further comprising:
2 detecting a change in the configuration, wherein the logging process performs the
3 detecting.

1 143. (new) The method of claim 141, wherein
2 the subsystem is a communications interface.

1 144. (new) The method of claim 143, wherein the periodically communicating
2 comprises:
3 periodically broadcasting the information using the communications interface.

1 145. (new) The method of claim 144, wherein the periodically broadcasting is
2 performed using:
3 a logging module network address, and
4 a logging module communications protocol.

1 146. (new) The method of claim 144, wherein the periodically broadcasting
2 comprises:
3 periodically broadcasting the information to a security monitoring process
4 executing on a security monitor coupled to the communications interface
5 via a network.

1 147. (new) The method of claim 146, further comprising:
2 setting the communications device to an “untrustworthy” status in response to
3 receiving the information, wherein the setting is performed by the security
4 monitoring process.

1 148. (new) The method of claim 147, further comprising:
2 disconnecting the communications device from the network in response to the
3 setting the communications device to the “untrustworthy” status.

1 149. (new) The method of claim 143, further comprising:
2 executing a communications process in the communications interface according
3 to a configuration of the communications interface.

1 150. (new) The method of claim 149, further comprising:
2 restricting a change to the configuration of the logging module by the
3 communications process.

1 151. (new) The method of claim 150, wherein the executing the logging
2 process further comprises:
3 periodically broadcasting via the communications interface using a logging
4 module network address and a logging module communications protocol.

1 152. (new) The method of claim 151, wherein the executing the logging
2 process further comprises:
3 restricting the communications process such that the communications process
4 cannot broadcast using the logging module network address and the
5 logging module communications protocol.

1 153. (new) The method of claim 138, wherein the periodically communicating
2 comprises:
3 periodically broadcasting the information using the subsystem.

1 154. (new) The method of claim 153, wherein the periodically broadcasting is
2 performed using:

3 a logging module network address, and
4 a logging module communications protocol.

1 155. (new) The method of claim 154, wherein the periodically broadcasting
2 comprises:

3 periodically broadcasting the information to a security monitoring process
4 executing on a security monitor coupled to the communications device via
5 a network.

1 156. (new) The method of claim 155, further comprising:
2 setting the communications device to an “untrustworthy” status in response to
3 receiving the information, wherein the setting is performed by the security
4 monitoring process.

1 157. (new) The method of claim 156, further comprising:
2 disconnecting the communications device from the network in response to the
3 setting the communications device to the “untrustworthy” status.

1 158. (new) A communications device comprising:
2 a subsystem; and
3 means for periodically communicating information regarding a configuration of
4 the subsystem, wherein the means for periodically communicating
5 information is coupled to the subsystem.

1 159. (new) The communications device of claim 158, wherein
2 the subsystem is a communications interface.

1 160. (new) The communications device of claim 159, wherein the means for
2 periodically communicating comprises:
3 means for periodically broadcasting the information to a security monitoring
4 process executing on a security monitor communicatively coupled to the
5 communications interface.

1 161. (new) The communications device of claim 160, further comprising:
2 means for causing the security monitoring process to set the communications
3 device to an “untrustworthy” status in response to the security monitoring
4 process failing to receive the information within a time period.

1 162. (new) The communications device of claim 161, further comprising:
2 means for disconnecting the communications device from the network in response
3 to the security monitoring process setting the communications device to
4 the “untrustworthy” status.

1 163. (new) The communications device of claim 158, further comprising:
2 a logging module;
3 means for determining the configuration; and
4 means for executing a logging process in the logging module, wherein
5 the logging process performs the periodically communicating information,
6 and
7 the subsystem is a communications interface.

1 164. (new) The communications device of claim 163, wherein the means for
2 periodically communicating comprises:
3 means for periodically broadcasting the information using the communications
4 interface.

1 165. (new) The communications device of claim 164, wherein the means for
2 periodically broadcasting comprises:

3 means for periodically broadcasting the information to a security monitoring
4 process executing on a security monitor coupled to the communications
5 interface via a network.

1 166. (new) The communications device of claim 165, further comprising:
2 means for setting the communications device to an “untrustworthy” status in
3 response to receiving the information, wherein the setting is performed by
4 the security monitoring process.

1 167. (new) The communications device of claim 166, further comprising:
2 means for disconnecting the communications device from the network in response
3 to the setting the communications device to the “untrustworthy” status.

1 168. (new) The communications device of claim 166, further comprising:
2 means for executing a communications process in the communications interface
3 according to a configuration of the communications interface.

1 169. (new) The apparatus of claim 168, further comprising:
2 means for restricting a change to the configuration of the logging module by the
3 communications process.

1 170. (new) The communications device of claim 169, wherein the means for
2 executing the logging process further comprises:
3 means for periodically broadcasting via the communications interface using a
4 logging module network address and a logging module communications
5 protocol.

1 171. (new) The communications device of claim 170, wherein the means for
2 executing the logging process further comprises:
3 means for restricting the communications process such that the communications
4 process cannot broadcast using the logging module network address and
5 the logging module communications protocol.

1 172. (new) A computer program product comprising:
2 a first set of instructions, executable on a computer system, configured to
3 periodically communicate information regarding a configuration of a
4 subsystem of a communications device; and
5 computer readable media, wherein said computer program product is encoded in
6 said computer readable media.

1 173. (new) The computer program product of claim 172, wherein
2 the subsystem is a communications interface.

1 174. (new) The computer program product of claim 173, wherein said first set
2 of instructions comprises:
3 a first subset of instructions, executable on said computer system, configured to
4 periodically broadcast the information to a security monitoring process
5 executing on a security monitor communicatively coupled to the
6 communications interface.

1 175. (new) The computer program product of claim 174, further comprising:
2 a second set of instructions, executable on said computer system, configured to
3 cause the security monitoring process to set the communications device to
4 an “untrustworthy” status in response to the security monitoring process
5 failing to receive the information within a time period.

1 176. (new) The computer program product of claim 175, further comprising:
2 a third set of instructions, executable on said computer system, configured to
3 disconnect the communications device from the network in response to the
4 security monitoring process setting the communications device to the
5 “untrustworthy” status.

1 177. (new) The computer program product of claim 172, further comprising:
2 a second set of instructions, executable on said computer system, configured to
3 determine the configuration;
4 a third set of instructions, executable on said computer system, configured to
5 execute a logging process in a logging module of the communications
6 device, wherein
7 the logging process comprises the second set of instructions, and
8 the subsystem is a communications interface.

1 178. (new) The computer program product of claim 177, wherein said first set
2 of instructions comprises:
3 a first subset of instructions, executable on said computer system, configured to
4 periodically broadcast the information using the communications
5 interface.

1 179. (new) The computer program product of claim 178, wherein said first
2 subset of instructions comprises:
3 a first sub-subset of instructions, executable on said computer system, configured
4 to periodically broadcast the information to a security monitoring process
5 executing on a security monitor coupled to the communications interface
6 via a network.

1 180. (new) The computer program product of claim 179, further comprising:
2 a fourth set of instructions, executable on said computer system, configured to set
3 the communications device to an “untrustworthy” status in response to

4 receiving the information, wherein the setting is performed by the security
5 monitoring process.

1 181. (new) The computer program product of claim 180, further comprising:
2 a fourth set of instructions, executable on said computer system, configured to
3 disconnect the communications device from the network in response to the
4 setting the communications device to the "untrustworthy" status.

1 182. (new) The computer program product of claim 177, further comprising:
2 a fourth set of instructions, executable on said computer system, configured to
3 execute a communications process in the communications interface
4 according to a configuration of the communications interface.

1 183. (new) The computer program product of claim 182, further comprising:
2 a fifth set of instructions, executable on said computer system, configured to
3 restrict a change to the configuration of the logging module by the
4 communications process.

1 184. (new) The computer program product of claim 183, wherein said third set
2 of instructions comprises:
3 a first subset of instructions, executable on said computer system, configured to
4 periodically broadcast via the communications interface using a logging
5 module network address and a logging module communications protocol.

1 185. (new) The computer program product of claim 184, wherein said third set
2 of instructions further comprises:
3 a second subset of instructions, executable on said computer system, configured
4 to restrict the communications process such that the communications
5 process cannot broadcast using the logging module network address and
6 the logging module communications protocol.